

## ABSTRACT

A static mixer (10) is provided with a first grid (14) having one or more crossing elements (16) and one or more slots and a second grid (14) having one or more crossing elements (16) and one or more slots. The crossing elements (16) of the first grid (14) are arranged at intersecting angles to the crossing elements (16) of the second grid (14). At least one elongated connector (18) is positioned between and secured to adjacent crossing elements (16) of the first grid (14) and crossing elements (16) of the second grid (14). The grids may further be arranged such that each crossing element of one grid intersects a slot in the other grid.